

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	14663	equaliz\$5 and ((viterbi detector decoder) same (read\$3 reproduc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:02
S3	24	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:03
S5	24	S2 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:06
S4	1458	coefficient same (learn\$3 estimat\$3) same (cosine "cos")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:06
S6	488927	(read\$3 reproduc\$3) near5 (channel transducer head element circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:07
S1	1458	coefficient same (learn\$3 estimat\$3) same (cosine cos)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:07
S7	148	S4 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:37
S17	26	S4 and S6 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:40

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## EAST Search History

S15	255321	((modif\$6 chang\$3 adjust\$4 control\$3 alter\$3 shift\$3) near5 (magnitude amplitude))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:40
S18	12	S4 and S6 and S15 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:46
S22	40	S19 and S20 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 14:09
S21	481417	((modif\$6 chang\$3 adjust\$4 control\$3 alter\$3 shift\$3) near5 (phase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 14:09
S20	488927	(read\$3 reproduc\$3) near5 (channel transducer head element circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 14:09
S19	1458	coefficient same (learn\$3 estimat\$3) same (cosine "cos")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 14:09
S32	489547	(read\$3 reproduc\$3) near5 (channel transducer head element circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:31
S33	227	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:32

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S12	481417	((modif\$6 chang\$3 adjust\$4 control\$3 alter\$3 shift\$3) near5 (phase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:32
S11	126338	((modif\$6 chang\$3 adjust\$4 control\$3 alter\$3 shift\$3) near5 (magnitude))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:32
S35	660415	((modif\$6 chang\$3 adjust\$4 control\$3 alter\$3 shift\$3) near5 (phase)) ((modif\$6 chang\$3 adjust\$4 control\$3 alter\$3 shift\$3) near5 (magnitude amplitude))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:36
S37	77400	((modif\$6 chang\$3 adjust\$4 control\$3 alter\$3 shift\$3) near5 (phase)) and ((modif\$6 chang\$3 adjust\$4 control\$3 alter\$3 shift\$3) near5 (magnitude amplitude))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:37
S39	104040	"360"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:38
S38	98	S31 and S32 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:38
S41	901	cosine same equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 10:02
S40	36	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 10:02

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S43	19	S31 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 10:03
S42	129	S39 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 10:03
S36	177	S31 and S32 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 10:04
S45	9	S35 and S43 and tap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 10:05
S44	13	S35 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 10:05
S31	504	(viterbi near5 (decod\$3 detect\$3)) and equaliz\$5 and ((coefficient value variable parameter) same (cosine "cos"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 11:00
S46	13485	((coefficient value variable parameter) with (multipl\$5) with (delay\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 11:01
S48	21	S41 and S31 and S35 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 11:03

## EAST Search History

S47	66	S41 and S31 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 11:03
S51	9	S49 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 12:53
S49	4563	(equaliz\$6) and viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 12:53
S50	4127	(learn\$3 same (cos cosine))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 12:54
S53	9	S49 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 12:55
S54	13387	(learn\$3 estimat\$3 adapt\$5) same (cosine "cos")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 13:05
S52	4127	(learn\$3 same ("cos" cosine))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 13:05
S58	8	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 13:06

## EAST Search History

S57	105318	"360"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 13:06
S56	246	S54 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 13:06
S55	10012	equaliz\$6 same coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 13:06
S59	2	((("5999355") or ("6438180")).PN.	USPAT	OR	OFF	2006/03/03 07:23
S60	13464	(learn\$3 estimat\$3 adapt\$5) same (cosine "cos")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 07:28
S61	505	((learn\$3 estimat\$3 adapt\$5) same (cosine "cos")) and (phase near4 response)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 07:37
S63	14	((equaliz\$5) same (cosine "cos")) and ((phase near4 response) same coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 07:47
S62	24	((learn\$3 estimat\$3 adapt\$5) same (cosine "cos")) and ((phase near4 response) same coefficient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 07:47